

## IN THE ABSTRACT

Amend the abstract as follows

Disclosed is a distributed database system, which effectively utilizes surplus resources of a plurality of computers. For this, a topology administration server device correlates an identifier identifying a database object administered by a database administration device with an identifier identifying the database administration apparatus. When a plurality of computers transmit a cache request including an identifier identifying a database object to the topology administration server device so as to cache the database object, the topology administration server device transfers the cache request to the database administration device so that the database object is transmitted to a computer and cached there. It is also possible to operate a program executing calculation in a computer while referencing the database object cached.

This invention is a distributed database system, which comprises a plurality of database domains which include one or more databases, and each of database domains is administered by a topology administration server. This topology administration server may have database information in the database domain, such as data dictionaries, locking information, or data integrity information at join operation, and are transferred to the other topology administration server in the database domain on the network each other with the peer to peer construction. This invention makes join overhead such as a two phases commit or replication degrease, and achieve realization of multi instance real time updatable distributed database environment.